Smart budget computer with added benefit

It's immediately obvious that this model is different to the Barebone K45. Shuttle has added a slimline optical drive to the K45SE. The DVD burner is integrated unobtrusively into the front panel. As with the Shuttle Barebone K45 this variant is also ideally suitable for basic computer needs in the office or at home. The entire Shuttle K series offers a small and stylish platform that can be integrated optimally into a network – optionally via Wireless LAN. Apart from home use, the main target groups for this affordable budget model are small and medium-sized enterprises, government agencies and educational establishments.

Shuttle K-Series Barebone

K45SE (Black)

Images for illustration purposes only.

Feature Highlight

K chassis	• Black chassis with aluminum cover • Dimensions: 28 x 19 x 17 cm (L/W/H) • Bays: 2x 3.5“ (internal) • Customized front panel design possible
ODD	• Slim DVD±RW writer
Chipset	• Intel 945GC + ICH7 • Integrated GMA950 graphics, VGA out
CPU	• Socket 775 • Core 2 Duo E7200 / E6xxx / E4xxx, Pentium Dual-Core 2xxx, Celeron 4xx (max. 65W) • Supports 1066/800/533 MHz FSB • For use with Intel standard cooling fan (not included). Please purchase an Intel boxed processor.
Slots	• 1x PCI 32 Bit
Memory	• Supports 2x DDR2-533/667 • Supports up to 2GB (2x 1GB)
Drive connectors	• 2x SATA II (3 Gbit/s) • 1x IDE ATA 100
Other connectors	• 5.1 HD audio • USB 2.0 (4x rear, 4x onboard) • Gigabit LAN, Optional WLAN adapter
Power supply	• 100 Watt Flex-ATX power supply
Application	• Business, Home

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Shuttle Order No: PC-K45004

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Shuttle K-Series Barebone K45SE Specifications

Chassis	K-type chassis with aluminum cover and acrylic front plate Color: black, double baked coating Optional temperature controlled 92x92x25mm rear chassis fan (region specific) Storage bays: 2 x 3.5" internal (no 3.5" bay for optical drive) Dimensions: 28 x 19 x 17 cm (LWH) Weight: 3.8 kg net / 5.0 kg gross
Mainboard	Proprietary mainboard design for K45/SE Chipset: Intel 945GC + ICH7 Dimensions: 170 x 235 mm
Power Supply	100 Watt Flex ATX power supply unit Input voltage range: 100~240V AC Active PFC (Power Factor Correction) EMI Certified: FCC, CE, BSMI Safety Certified: UL, TÜV, CB Power plug region specific, 40 mm cooling fan
Processor Support	Socket 775 supports Single and Dual Core processors from Intel Supports 533/800/1066 MHz FSB (Front Side Bus) Supports Core 2 Duo E7200 / E6xxx / E4xxx, Pentium Dual-Core 2xxx, Celeron D 4xx series Supports up to 65W TDP Please refer the support list for detailed processor support information. at http://global.shuttle.com/support_list.jsp
Processor Cooling	Processor cooling fan not included. Please purchase an Intel boxed processor. The mainboard supports temperature-controlled RPM fan speed by the BIOS.
Memory Support	2x 240 pin slots, supports Dual Channel supports DDR2-533/667 SDRAM memory Supports up to a total size of 2 GB, max. 1 GB per DIMM
Expansion Slots	1x PCI 32 bit
Optical drive	Slim DVD±RW writer built-in Type: Sony Optiarc AD-7590S Slim 7+6 pin Micro Serial ATA connector 2048kB cache Access time: 150ms (CD), 180ms (DVD) Data transfer speed: Read CD, write CD-R/RW: 24x Read DVD, write DVD±R/+RW: 8x Write DVD-RW/±R dual layer: 6x Read/write DVD-RAM: 5x

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Integrated Graphics	Intel Graphics Media Accelerator 950 (GMA950) with PCI-E x1 improved bandwidth, features 333MHz graphics core DX8/DX9 support and enhanced 3D performance Dynamic Video Memory Technology (DVMT) 3.0 Shared Memory max. 224MB Analog 15 pin Sub-D VGA video out connector
6-channel Audio	Audio Realtek® ALC 662 6-channel High-Definition Audio Three analog audio connectors (3.5mm) at the Back-Panel: 1) Front Line out (head phone) 2) Rear Surround line-out (shared with microphone input) 3) Center line-out (shared with Line in)
LAN Controller	Gigabit network controller (Marvell 8056) Supports 10/100/1000 MBit/s operation RJ45 back panel connector Supports Wake-on-LAN function and PXE (Preboot Execution Environment)
Drive connectors	2x Serial-ATA II, 3 Gbit/s (300 MB/s) bandwidth 1x IDE ATA 100 drives
Front panel	Power button Power indicator (LED) HDD indicator (LED) 2x USB 2.0 Audio Line-Out (headphone output) Microphone input
Back panel connectors	D-sub VGA Video out 4x USB 2.0 RJ45 LAN connector PS/2 keyboard connector PS/2 mouse connector Serial COM port Parallel port Audio Front Line out (head phone) Audio Rear Surround line-out (shared with microphone input) Audio Center line-out (shared with Line in) optional Wireless LAN module (PN20)
Other connectors	2x fan connectors (4 pins) 4x USB 2.0 (two 2x5 pin onboard headers)
Accessories	System installation Guide 1x SATA cable 1x Power cord Driver CD-ROM

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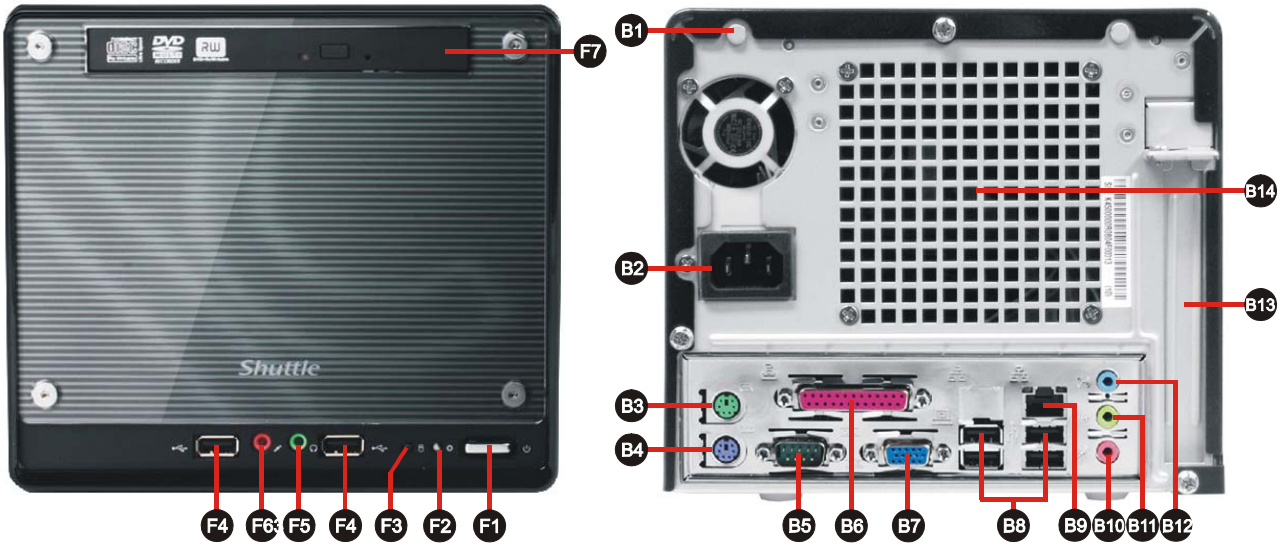
Connectors and Components

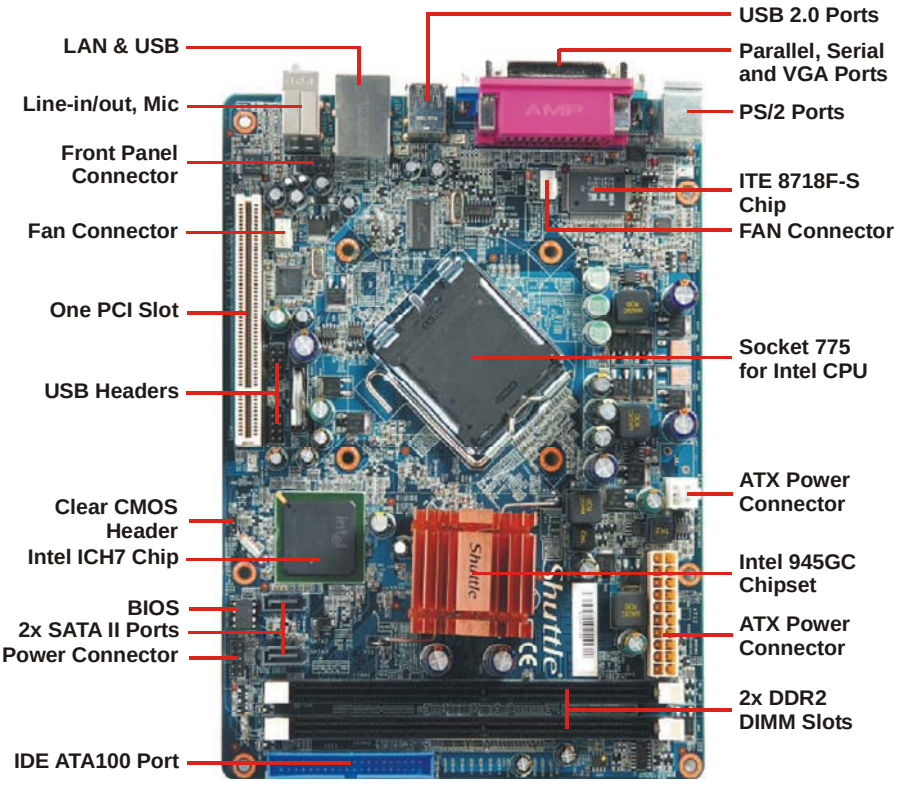
Front-Panel

F1 Power Switch
F2 Power LED
F3 HDD LED
F4 USB ports
F5 Audio Line-out (headphone connector)
F6 Microphone input
F7 Slim DVD writer with eject button

Back-Panel

B1 Optional WLAN
B2 AC Power Socket
B3 PS/2 Mouse Port
B4 PS/2 Keyboard Port
B5 COM Port
B6 Parallel Port
B7 VGA Port
B8 USB Port
B9 LAN Port
B10 MIC-In Port
B11 Line-Out Port
B12 Line-In Port
B13 PCI Slot
B14 Rear Fan





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